SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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PTO-1449

187278

Attorney Docket No.: SAA-5-2 (402P273)

Application No.: 10/003,123 Applicants: Swales et al. Filing Date: November 26, 2001

Group Art Unit: 2182

RECEIVED

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Technology Center 2100

U.S. PATENT DOCUMENTS

187278	I KUY SI			9) 00
	HOW TRADEMERS	U.S. PATENT DOCUMENTS		
Examiner Initial	U.S. Patent Document No.	Name of Patentee or Applicant	Class/ Subclass	Date of Publication
dell	*6,061,721	Ismael et al.		05/09/2000
dell	*6,263,487	Stripf et al.		07/17/2001
Alle	4,251,858	Cambigue et al.		02/17/1981
dell	4,701,845	Andreasen et al.		10/20/1987
Alle	4,974,151	Advani et al.		11/27/1990
all	4,979,107	Advani et al.		12/18/1990
dell	5,471,617	Farrand et al.		11/28/1995
Alle	5,990,884	Douma et al.		11/23/1999
Alle	6,370,550	Douma et al.		04/09/2002
Acce	6,453,210	Belotserkovsky		09/17/2002
seel	6,321,272	Swales		11/20/2001
Alle	6,370,569	Austin		04/09/2002
alle	6,311,101	Kastner		1017/2000
ALLE	6,134,522	Fritz et al.		10/17/2000
Dee	5,790,977	Ezkiel		08/04/2000
All	6,201,996	Crater et al.		03/13/2001
Alle	4,669,040	Pettit et al.		05/26/1987
dell	5,684,375	Chaffee et al.		11/04/1997
Alle	6,424,872	Glanzer et al.		07/23/2002
Alle	6,370,569	Austin		04/09/2002
Olei	6,505,341	Harris et al.		01/07/2003
Bll	5,162,982	Mentler		11/10/1992
All	6,434,157	Dubė et al.		08/13/2002
Alle	6,327,511	Naismith et al.		12/04/2001
Alle	6,233,626	Swales et al.		05/15/2001
dell	6,151,625	Swales et al.		11/21/2000
deel	6,466,995	Swales et al.		10/15/2002
Alle	6,282,454	Papadopoulos et al.		08/28/2001
Alll	6,484,061	Papadopoulos et al.		11/19/2002
Alle	5,801,689	Hntsman		09/01/1998
alle	4,918,690	Markkula Jr. et al.		04/17/1990
della	20020176441	Swales et al.		11/28/2002

NOV 2 1 2003

Technology Center 2100

Attorney Docket No.: SAA-5-2 (402P273)

Application No.: 10/003,123 Filed: November 26, 2901

FOREIGN PATENT DOCUMENTS

	.8/			
Examiner Initial	Document TRADEMENT TRADEME	Date	Country	Trans.
del	*0 825 506	25.02.1998	EPO	Yes
All	WO 96/31047A	10.03.1996	PCT	Yes
allo,	WO 97/07486A	27.02.1997	PCT	Yes

OTHER PRIOR ART OR NON-PATENT LITERATURE DOCUMENTS

	THER I RIOR ART OR NON-1 ATENT ETTERATURE DOCUMENTS
Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)
: Delle	RFC 1533 "DHCP Options and BOOTP Vendor Extensions", (http://ietf.org/rfc/rfc1533.txt) IETF, October 1993.
Delle	RFC 1534 "Interoperation between DHCP and BOOTP", (http://ietf.org/rfc/rfc1534.txt) IETF, October 1993.
All	RFC 2131 "Dynamic Host configuration Protocol" ((http://ietf.org/rfc/rfc21231.txt) IETF, March 1997.
Allel	SOAP, Simple Object Access Protocol (1.1) W3C Note 08May2000, (http://www.w3.org/TR/2000/NOTE-SOAP-20000508.
AD OR	Statement of Ken Crater pertaining to awareness of LABTECHnet technology, 1 page.
,	SOAP, [online], [retrieved on 2002-08-05]. Retrieved from MSDN Online - Default Home Page
Lelle .	using Internet <url:http: default.asp?contentid="28000523&frame=" msdn.miscrosoft.com="" nhp="" true="">.</url:http:>
· · · · · · · · · · · · · · · · · · ·	PROCOMM Plus - The Leader in terminal emulation, [online], [retrieved on 2002-01-13].
1	Retrieved from the consumer web page of Symantec, Inc. using Internet <url:http:< td=""></url:http:<>
Oxla	//www.symantec.com/procomm>.
	DEC TerminalsThe DEC VT100 and Its Successors, [online], 1999 Richard Shuford, [retrieved
A0000	on 2002-01-13]. Retrieved from DEC Video Terminals The VT100 and Its Successors using
1 Cocco	Internet <url:http: dec.html="" terminal="" www.cs.utk.edu="" ~shuford="">.</url:http:>
	NetReach™ Model TPS-2, TelnetPower Switch 2001, [online], [retrieved on 2002-01-13].
A000/	Retrieved from Model TPS-2 Telnet + Dial-Up Remote Power Manager, Remote Reboot of
	Servers, Route using Internet <url:http: tps2.htm="" www.wti.com="">.</url:http:>
A Com	ANSI.SYS, [online], [retrieved on 2002-01-13]. Retrieved from ANSI.SYS – ansi terminal
I (Melle	emulation escape sequences using Internet URL:http://enterprise.aacc.cc.md.us/~rhs/ansi. html>.
<u> </u>	SKONNARD, Aaron, "SOAP: The Simple Object Access Protocol," [online], [retrieved on 2002-
1.0000	07-30]. Retrieved from SOAP: The Simple Object Access Protocol MIND January 2000 using
All	Internet <url: 0100="" http:="" mind="" soap="" soap.asp="" www.microsoft.com="">.</url:>
1 1000	Extensible Markup language (XML) W3C Working Draft 07-Aug-97, [online], [retrieved on
I Allle	2002-08-01]. Retrieved from Extensible Markup Language (XML) website using Internet
	<url:http: tr="" wd-xml-970807.htm="" www.w3.org="">.</url:http:>
_N onn	Remote Interrogation and Control of Sensors via the Internet, Sensors and Systems; Peter
CHUL	L. Fuhr and Euan F. Mowat; University of Vermont; pp. 25-30; Dec 1999.
di o	Multi-Tech Systems Granted Modem Firmware Upgrade Patent, 2000-04-05, [online], [retrieved on
I HILL	2002-01-03]. Retrieved from Multi-Tech Press Release using Internet <url:http: td="" www.<=""></url:http:>
	multitech.com/NEWS/releases/2000/183.html>.
-	

NOV 2 1 2003

Attorney Docket No.: SAA-5-2 (402P273)

Application No.: 10/003,123
Filed: November 26, 2001,

Technology Center 2100

	Technology Center 210
Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)
Office .	Walid Mostara, Mukesh Singhal, "A Taxonomy of Mulicast Protocols For Internet Applications," from Computer Communications 20 (1998) 1448-1457.
Alle	Tilo Klesper, "Der Internet-Zugriff aufs LON," August 1998 from Automatisieren.
Olll	David J. Preston, "Internet Protocols Migrate to Silicon For Networking Devices" from Electronic Design, April 14, 1997.
Oll	IEEE Std 802.11a-1999 (Supplement to IEEE Std 802.11-1999) "Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications Higher-speed Physical Layer in the 5 GHz Band" [Adopted by ISO/IEC and redesignated as ISO/IEC 8802-11:1999/Amd 1:2000(E)]
Dele	P802.1p/D4 September 6, 1966 "P802.1p Standard for Local and Metropolitan Area Networks – Supplemental to Media Access Control (MAC) Bridges: Traffic Class Expediting and Dynamic Multicast Filtering".
Alle	Disk Drive with Embedded Hyper-Text Markup Language Server (IBM Technical Disclosure Bulletin: Dec. 1995) [online], [retrieved on 2001-11-09]. Retrieved using Internet: <url:http: tdb?o~95a%2062530.="" tdbs="" www.delphion.com="">.</url:http:>
All	The Trojan Room Coffee Machine [online], [retrieved on 2001-09-19]. Retrieved using Internet: <url:http: coffee="" coffee.html="" www.cl.cam.ac.uk="">.</url:http:>
Dell	STAFFORD-FRASER, Quentin, "The Trojan Room Coffee Pot A (non-technical) biography" [online], [retrieved on 2001-09-19]. Retrieved using Internet: <url:http: coffee="" coffee.html="" qsf="" www.cl.cam.ac.uk="">.</url:http:>
Olle	STAFFORD-FRASER, Quentin, "The Story of the Trojan Room Coffee Pot A Timeline" [online], [retrieved on 2001-09-19]. Retrieved using Internet: <url:http: coffee="" qsf="" timeline.html="" www.cl.cam.ac.uk="">.</url:http:>
All	From Web Server to Railroad Layout Interactive Model Railroad [online], [retrieved on 2001-09-19]. Retrieved using Internet: <url:http: layoutcontrol.html="" rr="" rr-vs.informatik.uni-ulm.de="">.</url:http:>
Sell	News Interactive Model Railroad [online], [retrieved on 2001-09-19]. Retrieved using Internet: <url:http: rr="" rr-vs.informatik.uni-ulm.de="" whatsnew.html="">.</url:http:>
Alle	Frequently Asked Questions Interactive Model Railroad [online], [retrieved on 2001-09-19]. Retrieved using Internet <url:http: faq.html="" rr="" rr-vs.informatik.uni-ulm.de="">.</url:http:>
Del	PUTMAN, Frederick A., "Internet-Based Data Acquisition and Control" Sensors; November 1999, pages 1-5.
All	KAO, James T, "Remote Microscope for Inspection of Integrated Circuits," MIT Masters Thesis; September 1995, pages 1-113, pages 1-113.
All	SOREIDE, N.N. et al., "Mosaic access to real-time data from the TOGA-TAO array of moored buoys," Computer Networks and ISDN Systems, December 1995.
Dell	About LabCam [online], [retrieved on 2001-11-28] Retrieved using Internet: <url:http: aboutlabcam.html="" labcam="" people.cs.uchicago.edu="" ~peterp="">.</url:http:>
All	Bibliography [online], [retrieved on 2001-11-16] [Retrieved from Xavier Papers using Internet: <url:http: groups="" html="" papers="" www="" www-2.cs.cmu.edu="" xavier="">.</url:http:>
Alle	STAFFORD-FRASER, Quentin, "The Life and Times of the First Web Cam – When convenience was the mother of invention". [online], [retrieved on 2001-09-19]. Retrieved using Internet: <url:http: cacm200107.html="" coffee="" qsf="" www.cl.cam.ac.uk="">.</url:http:>
dell	EDN Access for Design, By Design – Test & Measurement June 6, 1996 [online], [retrieved on 2001-09-19]. Retrieved from EDN – 06.06.96 Test & Measurement using Internet: <url: 060696="" 12prod4.htm="" 1996="" archives="" archives.e-insite.net="" ednmag="" http:="" reg="">.</url:>
Oll	Miscellaneous Web pages and documents from LABTECH High Performance Data Acquisition & Process Control Software – 20 Years of Industry Innovation in Real-time PC Measurement and Control [online], [retrieved 2001-09-18] Retrieved from LABTECH – 20 Years of Industry Innovation in using Internet: <url: http:="" www.labtech.com="">.</url:>

NOV 2 1 2003

Attorney Docket No.: SAA-5-2 (402P273)

Application No.: 10/003,123
Filed: November 26, 2001

	Technology Center 2100
Examiner	(including Author (in capital letters), Title of the article,
Initial	NOV 1 9 2003 The of the item, Date, Pages, Volume-Issue number, Publisher,
·	City and/or Country where published.)
# 000	GOLDBREG, Ken et al Beyond the Web: Excavating the Real World Via Mosaic' [online], [retrieved of 2001-0503]. Retrieved from Beyond the Web Conference Paper using Internet:
1 Colle	
	 <url: http:="" it9golberg.html="" sdg="" www.ncsa.uiuc.edu="">.</url:> GOLDBERG, Ken et al.; "Desktop Teleoperation via the World Wide Web", University of
-10.00	Southern California, IEE International Conference on Robotics and Automation D-7803-1965-6/95
1 Offile	S400, June, 1995, pages 654-659.
dell Alle Alle	News – aX announces Support for Opto 22 Ethernet B3000 Devices – Sept. 13, 2001 [online],
A\$000	[retrieved on 2001-09-24]. Retrieved from automationX using Internet:
proces	<pre><url:http: newsdetail.phtml?idno="25" www.mnrcan.com="">.</url:http:></pre>
1,000	aX Process Control [online], [retrieved on 2001-09-24]. Retrieved from automationX Process
Bell	Control using Internet: <url:http: processcontrol.phtml="" www.mnrcan.com="">.</url:http:>
al (200	CD-ROM's in the Microwave – What do you do [online], [Retrieved on 2001-06-20]. Retrieved
All	using Internet: <url:http: cdrom.html="" notes="" www.hamjudo.com="">.</url:http:>
0.0	PERYT, M. and MOMAL, F., "Generic Repository and Search Engine For LHC Equipment Test
1 AV00	Data," International Conference on Accelerator and Large Experimental Physics Control Systems,
l VX	1999, Trieste, July, pages 493-495.
	MOMAL, F., et al., "A Control System based on Industrial Components for Measuring and Testing
1 1000	the Prototype Magnets for LHC," [online], [retrieved on 2001-10-09]. Retrieved from A Industrial
	Control System for Testing the Magnets for LHC using Internet:
0.00	<pre><url: blc.html="" cs="" docs="" http:="" mish231.cern.ch="">.</url:></pre>
A000	Web page [retrieved on 2001-11-16. Retrieved using Internet:
Dell	<pre><url:http: coxfig3.gif="" mark="" www.awe.com="" wwwf94="">.</url:http:></pre>
Λ ,	Bradford Robotic Telescope – Intro [online], [retrieved on 2001-11-15]. Retrieved from
Slee	Introduction to the Bradford Telescope using Internet:
<u> </u>	<url:http: intro.html="" rti="" www.telescope.org="">.</url:http:>
1000	COX, Mark and BARUCH, John, "Robotic Telescopes: An Interactive Exhibit on the World-
All	Wide Web," [online], [retrieved on 2001-11-16]. Retrieved from Robotic Telescopes Paper using
	Internet: URL:http://www.awe.com/mark/wwwf94/wwf94.html>.
I Dell	Welcome to Paul Haas's web server – Welcome to a historic website [online], [retrieved on 2001-06-20]. Retrieved using Internet: URL:http://www.hamjudo.com/notes/cdrom.html>.
7.000	Status of Paul's (Extra) Refrigerator at Wed Jun 20 14:32:09 EDT 2001 [online], [retrieved on
1	2001-06-20]. Retrieved using Internet:
1 1000	URL:http://www.hamjudo.com/cgi-bin/refrigerator>. Soda Can platform [online], [retrieved on
J que	2001-06-20]. Retrieved using Internet:
	URL:http://www.hamjudo.com/notes/soda_platform.html>.
	SCHARF, Ronald et al, "Using Mosaic for Remote Test System Control Supports Distributed
01,000	Engineering" [online], [retrieved on 2001-10-21-03]. Retrieved using Internet:
dell Dell	<url:http: archive:ncsa.uici.edu="" cscw="" it94="" proceedings="" scharf="" scharf.html="" sdg="">.</url:http:>
1000	GOLDBERG, Ken and MASCHA, Michael, "Mercury Project August 1994-March 1995," [online],
_ Dell	[retrieved on 2001-09]. Retrieved using <url:http: dept="" edu="" raiders="" www.usc="">.</url:http:>
N . 00	Tub status as of Wed Jun 20 14:44:54 EDT 2001 [online], [retrieved on 2001-06-20]. Retrieved
I Delle	from Paul's Hottub status using Internet:
	<url:http: cgi-bin="" hamjudo.com="" hottub="">.</url:http:>
1	Frequently asked questions about Paul's Hottub [online], [retrieved on 2001-06-20]. Retrieved
Oll	from hottub notes and sources using Internet:
	<url:http: hamjudo.com="" hottub-notes.html="">.</url:http:>
1 1000	The Cal Poly Computer Society's Robotics Resources Page [online], [retrieved on 2001-06-20].
Sell Sell Sell	Retrieved from Computer Society Robotics Resources Page using Internet:
	URL:http://www.elee.calpoly.edu/clubs/cs/www/RoboContest>.
A 200 .	The "Only" Coke Machine on the Internet [online], [retrieved on 2001-04-10]. Retrieved using
<u> </u>	Internet: URL:http://www.cs.cmu.edu/~coke/history_long.txt>.

NOV 2 1 2003

Attorney Docket No.: SAA 5 2 (402P273)
Application No.: 10/003, 123 Filed: November 26, 2001

Technology Center 2100 NOV 1 9 2003 (including Author (in capital letters), Title of the article, Examiner Title of the item, Date, Pages, Volume-Issue number, Publisher, Initial City and/or Country where published.) 1771 Control Compressor (Cat. No. 1771-DMC, -DMC1, -DMC4, and -DXPS) User Manual, Copyright 1994, Allen-Bradley Company, Inc., Publication 1771 6.5.95-PM 865119 -36, December 1994. TAYLOR, Ken and TREVELYAN, James, "A Telerobot On the World Wide Web," Proceedings of the 1995 National Conference of the Australian Robot Association, Melbourne, 5-7 July, Sydney: Australian Robot Association Inc., pages 108-118. TAYLOR, Ken and TREVELYAN, James, "Australian Telerobot On the Web," 26th International Symposium on Industrial Robots, 1995, pages 40-44. WWWF94'94 Information Form, September 1, 1994, 3 pages. Xavier has a new job! [online], [retrieved on 2001-11-15]. Retrieved using Internet: URL:http://www-2.cs.cm.edu/Groups/xavier/www>. Article entitled, "Installing and Using LABTECHnet," 2 pages. Article entitled, "LABTECHnet Frequently Asked Questions Updated 9/16/95," 3 pages. PUTNAM, Fredrick, "LABTECH News: Another superlative PR article!!!.," 10/26/95, 2 pages. PURHAM, Frederick, "Public-domain IPC scheme moves Windows data 1000 times faster than DDE," Personal Engineering and Instrumentation News - 10/20/94, 15 pages. STRAUSS, Richard, three page memo to LABTECH staff, with attached press release - For Release on October 3, 1995 entitled, "Internet Goes Real-time with LAHBTECHnet," 3 pages. PUTNAM, Frederick, "LABTECHnet Visualization of a Weather Front," 4 pages.

Examiner: Date Considered: 1.13.07

A copy of the document listed was either previously submitted to the United States Patent and Trademark Office in an Information Disclosure Statement or cited by an Examiner in an Office Action for Application No. 09/804,362, filed March 12, 2001 or Application No. 09/166,870, filed October 6, 1998 (now Patent No. 6,233,626, issued May 15, 2001. The present application is a divisional of Application No. 09/804,362, filed March 12, 2001, which is a continuation application of 09/166,870, filed October 6, 1998 (now Patent No. 6,233,626, issued May 15, 2001). Pursuant to 37 CFR 1.98(d), a copy of this document is not required and therefore not enclosed.

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

PTO-1449

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Attorney Docket No.: 401 P 273 (SAA-5-2)

Application No.: 10/003,123 Applicant: Swales et al.

Filing Date: November 26, 2001

Art Unit: 2182

U.S. PATENT DOCUMENTS

		U.S. PATENT DOCUMENTS		
Examiner Initial	U.S. Patent Document No.	Name of Patentee or Applicant	Class/ Subclass	Date of Publication
delle	3,971,000	Cromwell		07/20/1976
Alle	4,319,338	Grudowski et al.		03/09/1982
Alle	4,688,167	Agarwal		08/18/1987
Dell	4,845,644	Anthias et al.		07/04/1989
All	4,858,152	Estes		08/15/1989
Dell	4,897,777	Janke et al.		01/30/1990
Alal	4,912,623	Rantala et al.		03/27/1990
All	4,937,777	Flood et al.		06/26/1990
Olll	4,949,274	Hollander et al.		08/14/1990
All	4,953,074	Kametani et al. RECE	VED	08/28/1990
Dell	4,992,926	Janke et al. MAR 1	2 2 002	02/12/1991
All	5,012,402	Akiyama Technology		04/30/1991
Blil	5,023,770	Siverling	ocinici 2100	06/11/1991
Sell	5,047,959	Phillips et al.		09/10/1991
Dll	5,072,356	Watt et al.		12/10/1991
dell	5,072,412	Henderson, Jr. et al.		12/10/1991
Sell	5,109,487	Ohgomori et al.		04/28/1992
Bell	5,122,948	Zapolin		06/16/1992
All	5,131,092	Sackmann et al.		07/14/1992
Dell	5,134,574	Beaverstock et al.		07/28/1992
All	5,151,896	Bowman et al.		09/29/1992
Aller	5,151,978	Bronikowski		09/29/1992
Bell	5,157,595	Lovrenich		10/20/1992
All	5,159,673	Sackmann et al.		10/27/1992
Dell	5,161,211	Taguchi et al.	-	11/03/1992



RECEIVED

MAR.1 2 2002

Technology Center 2100

Examiner Initial	U.S. Patent Document No.	Name of Patentee or Applicant	Class/ Subclass	Date of Publication
Dell	5,165,030	Barker		11/17/1992
All	5,179,700	Aihara et al.		01/12/1993
Dell	5,225,974	Mathews et al.		07/06/1993
Dell	5,245,704	Weber et al.		09/14/1993
Delle	5,251,302	Weigl et al.		10/05/1993
Dell	5,283,861	Dangler et al.		02/01/1994
All	5,297,257	Struger et al.		03/22/1994
All	5,307,463	Hyatt et al.		04/26/1994
Oll	5,321,829	Zifferer		06/14/1994
Alle	5,343,469	Ohshima		08/30/1994
All	5,349,675	Fitzgerald et al.		09/20/1994
All	5,386,524	Lary et al.		01/31/1995
All	5,398,336	Tantry et al.		03/14/1995
Delle	5,406,473	Yoshikura et al.		04/11/1995
Dell	5,420,977	Sztipanovits et al.		05/30/1995
Bell	5,430,730	Sepulveda-Garese et al.		07/04/1995
0800	5,440,699	Farrand et al.		08/08/1995
Alle	5,446,868	R. A. Gardea, et al.		08/29/1995
Soll	5,528,503	Moore et al.		06/18/1996
Oll	5,598,536	Slaughter, III et al.		01/28/1997
blee	5,611,059	Benton et al.		03/11/1997
Bell	5,613,115	Gihl et al.	-	03/18/1997
Alh	5,623,652	Vora et al.		04/22/1997
Bell	5,625,781	Cline et al.		04/29/1997
Dell	5,699,350	Kraslavsky		12/16/1997
All	5,734,831	Sanders		03/31/1998
See	5,793,954	Baker et al.		08/11/1998



RECEIVED

MAR 1 2 2002

Technology Center 2100

	, 			(* ^51051 < 10() -
Examiner Initial	U.S. Patent Document No.	Name of Patentee or Applicant	Class/ Subclass	Date of Publication
Alle	5,805,442	Crater et al.		09/08/1998
all	5,862,391	Salas et al.	•	01/19/1999
Bll	5,950,006	Crater et al.		09/07/1999
del	5,975,737	Crater et al.		11/02/1999
all	5,982,362	Crater et al.		11/09/1999
delle	5,997,167	Crater et al.		12/07/1999
Dell	6,016,523	Zimmerman et al.		01/18/2000
All	6,028,866	Engel et al.		02/22/2000
Alla	6,032,203	Heidhues		02/29/2000
Allel	6,058,251	Okamoto et al.		05/02/2000
All	6,122,670	Bennett et al.		09/19/2000
Ala	6,151,640	Buda et al.		11/21/2000

FOREIGN PATENT DOCUMENTS

	Foreign Patent Document			Name of Patentee		
Examiner Initial	Office	Number	Kind	or Applicant	Date of Publication	Т
dell p	JP	60192447	A	Kono et al.	30.09.1985	X
delle	EPO	0 542 657	A1_	IBM, Inc.	19.05.1993	
Alle	EPO	0 814 393	A1	Telia AB	29.12.1997	
Deel	DE	296 00 609	U1	Siemens AG	27.03.1997	
Sell	DE	44 10 171	C1	Zimmerman et al.	13.04.1995	
Xlel	DE	196 15 093	A1	Zimmerman et al.	23.10.1997	
del	wo	97/18636		Mizuno	22.05.1997	
Dol	<u>w</u> o	98/53581		Gaw et al.	26.11.1998	

Page 4

RECEIVED MAR 1 2 2002 Technology Center 2100

OTHER PRIOR ART OR NON-PATENT LITERATURE DOCUMENTS

Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	Т
Alll	Abstract of "Implementing distributed controls for FMC's using Internet utilities," S. S. Jagdale and N. Merchant; Computers of Industrial Engineering, Vol 31 No. 1-2, p. 87-90; October, 1996 (UK).	
Alle All Oll	Abstract of "Process control takes to the Net," G. Paula; Mechanical Engineering, Vol. 118, No. 12, p. 55, December, 1996	
Clel	"Remote interrogation and control of sensors via the internet," Peter L. Furh and Euan F. Mowat; Sensors, Vol. 12 No. 12, 6 pp; December 1995.	
DU	Abstract of "Implementation of CAN/CAN bridges in distributed environments and performance analysis of bridged CAN systems using SAE benchmark," H. Ekiz, A. Kutlu and E. T. Powner; Conference Paper, IEEE Southeastern '97, Engineering the new energy, IEEE, p. 185-7, 1996.	
Del	Abstract of "Managing interdisciplinary project teams through the Web," R. E. Goodman and P. Chinowsky; Conference Paper, WebbNet 96 - World Conference of the Web Society, pp. 180-5, 1996.	
dell	Abstract of "Learning environment for a process automation system using computer networks," J. Lindfors, L. Yliniemi and K. Leivska; Conference Paper, Step '96 - Genes, Nets and Symbols, pp. 137-43, 1996 (Finland).	
All	Abstract of "Distributed agent systems for intelligent manufacturing," D. H. Norrie and B. R. Gaines; Canadian Artificial Intelligence, No. 40, p. 31-3, Autumn 1996 (Canada).	
DUL	Abstract of Proceedings of AUTOFACT 1995 Conference, "Today's Automated, Integrated Factory," Soc. Manuf., Eng., Dearborn, MI; 1995.	
Due	Abstract of "The ECOSSE Control HyperCourse," C. M. Merrick and J. W. Ponton; Computers & Chemical Engineering, Vol. 20, Part B, p. S 1353-8, 1996 (UK).	
Dell	Abstract of "Chemical-better batch controls," T. Crowl; Control & Instrumentation, Vol. 28, No. 5, p. 53-4, May 1996 (UK).	
Dell	Abstract of "Industrial software does 32-bit Windows, prepares for the net," W. Labs; I 8CS, Vol. 69, No. 3, p. 23-6, 31-4, March 1996, USA.	
All	Abstract of "A case study for international remote machining;" G. C. I. Lin and Kao Yung-Chou; Conference Paper, Proc. SPIE-Int. Soc. Opt. Eng., Vol. 2620, p 553-60, 1995.	



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MAR. 1 2 2002

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Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	Т
All	Abstract of "Standardization of long-distance protocols," R. Dinges; Journal Paper, Generation Changes in Network Conductor Systems, ITG - Fachberichte, Vol. 134, p. 97-113, 1995 (West Germany).	
All	Abstract of "Control system design V. Communications orchestrate process control," F. Glow; In Tech, Vol. 36, No. 9, p. 68-74, Sept. 1989.	
All	Abstract of "Functions and characteristics of local networks adapted to industrial applications," J. Morlais; Electronique Industrielle, No. 97, p. 56-63, Nov. 15, 1985; France.	
Slee	Abstract of "Intelligent supervisory control of submerged-arc furnaces," Markus A. Reuter, Carla Pretorius, Chloe West, Peter Dixon and Morne Oosthuizen, JOM Vol. 48, No. 12, Dec. 1996, p. 49-51.	
DW	Abstract of "Simulation on the integration of process control systems of rolling mill plants through standard networks," Choo Young Yeol, Hwang Hwa Won and Kim Cheeha, Proceedings of the Industrial Computing Conference, Instrument Society of America, Research Triangle Park, NC, USA. P 1-14; Vol. 6, No. 1, 1996.	
Mal	Abstract of "Environmental waste control digest," Clayton H. Billings; Public Works Vol. 127 No. 7, 6 pp, June, 1996.	
Sell	Abstract of "Experiments in tele-handling and tele-machining at the macro and micro scales, using the Internet for operational environment transmission," Mamoru Mitsuishi, Toshio Hori, Tomoharu Hikita, Masao Teratani, Takuro Watanabe, Hirofumi Nakanishi and Bruce Kramer; IEEE International Conference on Intelligent Robots and Systems Vol. 2, 1995.	
Alal	Abstract of "A phototyping and reverse engineering system for mechanical parts-on-demand on the national network," Fred Hansen, Elias Pavlakos, Eric Hoffman, Takeo Kanade, Raj Reddy, Paul Wright; Journal of Manufacturing Systems, Vol. 12 No. 4, p. 269-281; 1993.	
Stell	Abstract of "Mathematical model and optimization of furfural treating process," Tao Peng, Jinshou Yu and Huihe Shao; Huadong Huagong Xueyuan Xuebao/Journal of East China Institute of Chemical Technology Vol. 17 No. 1, p. 99-104; February 1991.	
Dell	Abstract of "User's Aspect of Telecommunication and Information Processing in Plant Factory; Hashimoto Yasushi (1); Journal of the Institute of Electronics, Information and Communication Engineers, Vol. 78, NO. 5, p. 475-81, Fig. 3, Ref. 7, 1995. (Japan).	



RECEIVED

MAR, 1 2 2002

Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)
All	Abstract of "High-efficient application technology of DCS from the viewpoint of users," Oka Norihito (1); Narita Tsutomu (1); (1) Yamatake-Honeywell Co., Ltd.; Otomeshon, Vol. 40, No. 2, p. 24-28, Fig. 5, Part 2, 1995. (Japan)
All	Abstract of "Users' experience with software tools for process integration. General results; Stougie, L.; Roeterink, H.J.H.; Van Wijk, A.; Stikkelman, R.M.; Nov. 1996
All	Abstract of "Integrated design and process technology. Volume 1;" Cooke, D.; Kraemer, B.J.; Sheu, P.C.Y.; Tsai, J.P.; Mittermeir, R.; Society for Design and Process Science, p. 51-57; 1996. (USA)
Dem	Abstract of "Integrated design and process technology. Volume 2;" Tanik, M.M.; Bastani, F.B.; Gibson, D.; Fielding, P.J.; Society for Design and Process Science, p. 423-430, 1996. (USA)
All	Abstract of "Integrated design and process technology. Volume 2" Tanik, M.M.; Bastani, F.B.; Gibson, D.; Fielding, P.J.; Society for Design and Process Science, p. 306-312, 1996.
Dew	Abstract of "Need low-cost networking consider DeviceNet," W. H. Moss; InTech Vol. 43:11; p. 30-31, November 1996.
DW	"Plastic Car Bodies Pass the Crash Test," mechanical engineering; Vol. 118, No. 12; December 1996.
All	http://www.adeptscience.com/archive_pressroom/html/labtechnet.html; Adapt PressRoom Archives. A collection of Adept Scientific's archive news releases. Hot Coffee on the Internet!
AW	When Technology Standards Become Counterproductive, Kenneth C. Crater, President, Control Technology Corporation, Hopkinton, MA dated 7/9/99, Pages 1-5
Mul	A White Paper State Language for Machine Control, Kenneth C. Crater, President, Control Technology Corporation, Hopkinton, MA dated 7/9/99, Pages 1-11
SUL	New PC-based Process Control & Data Acquisition Software Integrates Remote Internet Capabilities with Fast Pentium Support, Fred A. Putnam, LABTECH President, Pages 1-3
All	August 1996 CONTROL Magazine - In The News - Electric Utility Industry Embarks on Automation Overhaul, pages 1-10



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MAR.1 2 2002

Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)
Klll	July 1997 CONTROL Magazine - Magazine Software Review - NT Package Give Plant Access Through the Web, pages 1-3
All	October 1996 CONTROL Magazine - Software Review - Article Archives, pages 1-2
BULL	ICS Instrumentation & Control Systems – Windows NT for real-time control: Which way to go? - ICS Magazine, pages 1-8
Delu	I&CS July 1999 - SPECIAL REPORT SOFTWARE - Software: Open source OSs, objects, Web-based communications challenge status quo, (Wayne Labs, Senior Technical Editor), pages 24-49
Alll	Landis & Staefa MS 2000, pages 1-2
Dell	Landis & Staefa Standards and Open Protocols Integration System Architecture, page 1
Alle	Annabooks Bookstore, Programming and Interfacing the 8051, by Sencer Yeralan and Asutosh Ahluwalia, pages 1-2
Bull	SoftPLC Corporation - Java Support in SoftPLC Corp. Products, pages 1-5
Dille	Mach J. Company, MachJ, an enbeddable, clean room Java Virtual Machine, page 1
Alle	SoftPLC Corporation - The History of Programmable Controllers, Looking Back From the Year 2000 A.D. (Or, How Computers Replaced Proprietary PLC'S), pages 1-7
Alle	SoftPLC Corporation - TOPDOC: Advanced PLC program development & documentation software, pages 1-12
Acel	Control Engineering Online Magazine Articles (July 1998) - No. that's not a PC, it's a PLC, pages 1-2
Alle	Rockwell International Corporation, Allen-Bradley Introduces PLC-5/80E Controller for Ethernet Communication Networks
Dell	Rockwell Automation - Search Results, pages 1-2
All	Rockwell International Corporation, Vision & Direction, The Direction of Automation Systems, pages 1-4
All	Rockwell International Corporation, Vision & Direction, The Role of Open Systems, pages 1-4



Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	Т
Sul	Rockwell International Corporation - Vision & Direction - The Direction of Automation Systems - Emergence of Application-Specific Control Solutions, pages 1-2	
Allu	Rockwell International Corporation - Vision & Direction - The Direction of Automation Systems - The New Factory Worker, pages 1-2	
All	Rockwell International Corporation, Vision & Direction, Control System Deliverables - The Next Step, pages 1-2	
Alle	Rockwell International Corporation, Vision & Direction, Conclusion & Acknowledgments, pages 1-2	
All	Rockwell International Corporation - Choices - Perspectives on the Future of Automation Control, page 1	
Delle	Rockwell International Corporation - Allen-Bradley - Networks - Ethernet for Industrial Control - An Ethernet White Paper - April 21, 1998, pages 1-13	
AW	Rockwell International Corporation - Automation Systems Control Ageneral - World-Class Automation Systems from Allen-Bradley, Last Updated: May 20 7, 1998, pages 1-12 Technology Cente	02
Dela	PC QUEST, Dec '97 - Point, click, Control - C-Programmable controllers take the pain out of embedded control, pages 1-2	r2100
Allen	berthel - automation with imagination - PCI 100 - Programmable logic controller for SIMATIC/IBM IPC, pages 1-3	
All	YAHOO! Personalized Search Results for programmable logic controller internet access, pages 1-3	
Dell	SIEMENS - SIMATIC report 1/97 - New in the SIMATIC Library, pages 1-2	
Oll	CONTROL Magazine August 1998 - Field Test - DYNAMIC SOFTWARE MAKES CONTROL INTEGRATION EASIER, pages 1-2	
Dell	Design and Reuse Web Site - EDTN Network - Analyze IP Database Content - Analyse Reuse Blocks per taxonomy tree, pages 1-10	
All	Engineering Information, Inc Ei CPX WEB [1990-94]	
Dell	Using World Wide Web for Control Systems, F. Momal, C. Pinto-Pereira, AT Division CERN, 1211 Geneva 23, http://mish231.cern.ch/Docs/ICALEPCS/1995/icalep95.htm.	



	I	
Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	Т
all	"Ethernet Base Gateway Product," AEG-Modicon, published 1991.	
Dell	"Modicon Modbus Plus Network BM85 Bridge Multiplexer User's Guide," Groupe Schneider, August 1995.	
All	"Modicon Modbus Plus Network Planning and Installation Guide," AEG Schneider Automation, April 1996	
Øll	"Open Modbus/TCP Specification," A. Swales, 9/3/97	
All	"MEB Installation and Programming Manual," Niobrara Research and Development Corporation, 9/24/97	
DU	"MEB-TCP Installation and Programming Manual," Niobrara Research and Development Corporation, 10/1/97	
der	"Internet Protocol, Darpa Internet Program, Protocol Specification - RFC:791," Defense Advanced Research Projects Agency, September 1981	
Alle	"Transmission Control Protocol, Darpa Internet Program, Protocol Specification - RFC:793," Defense Advanced Research Projects Agence September 1981	- 1
Dell	"[comp.unix.programmer] Unix-Socket-FAQ For Network Programming," Vic Metcalfe, Andrew Gierth and other contributors, 1/22/98	2002 Dter 21
All	"TCP/IP Illustrated, Vol. 2, The Implementation," Gary R. Wright, W. Richard Stevens, 1997	
Sell	"Winsock 2 Information," Bob Quinn, 1995-1998 (last updated December 5, 1998)	
Bll	Website Information of PROFIBUS: Technical Overview	
Bell	Website Information of ODVA - The Open DeviceNet's Vendor Association	
Aull	Website of PROFIBUS International - Welcome Page	
Äll	LabVIEW Graphical Programming for Instrumentation, Networking Reference Manual, © Copyright 1993, 1994 National Instruments Corporation, Part Number 320587B-01, September 1994.	
Juli	LabVIEW Graphical Programming for Instrumentation, Tutorial for Windows, © Copyright 1993, 1994 National Instruments Corporation, Part Number 320593B-01, September 1994.	



Examiner Initial	(including Author (in capital letters), Title of the article, Title of the item, Date, Pages, Volume-Issue number, Publisher, City and/or Country where published.)	Т
Alle	LabVIEW Graphical Programming for Instrumentation, Data Acquisition VI Reference Manual for Windows, © Copyright 1992, 1994 National Instruments Corporation, Part Number 320536B-01, September 1994.	

Examiner: Multiple Date Considered: 1.13.04

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